FORM PTO-1390 U.S. DEPARTMENT OF COM (REV. 11-2000)	ATTORNEY'S DOCKET NUMBER								
TRANSMITTAL LETTER	501.40631X00 filed September 19,2001								
 DESIGNATED/ELECT 	U.S. APPLICATION NO. (If known, see 37 CFR 1.5								
CONCERNING A FILIN	0 11 120 11								
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED							
PCT/JP99/01403 TITLE OF INVENTION LIQUID CRYS	19 March 1999 (19.03.99)								
•									
. ,	AMURA, Yoshiaki; FUJIEDA, Masayos								
Applicant herewith submits to the United St	ates Designated/Elected Office (DO/EO/US)	the following items and other information:							
1. X This is a FIRST submission of items	concerning a filing under 35 U.S.C. 371.								
2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.									
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include									
items (5), (6), (9) and (21) indicated below. 4. X The US has been elected by the expiration of 19 months from the priority date (Article 31).									
5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
a. is attached hereto (required only if not communicated by the International Bureau).									
b. X has been communicated by the International Bureau.									
c. is not required, as the application was filed in the United States Receiving Office (RO/US).									
An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).									
	a. is attached hereto.								
b. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Aplication under PCT Article 19 (35 U.S.C. 371(c)(3))									
Amendments to the claims of the International Aplication under PCT Article 19 (35 U.S.C. 371(c)(3)) a. are attached hereto (required only if not communicated by the International Bureau).									
b. have been communicated by the International Bureau.									
	The state of the s								
d. have not been made and will not be made.									
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).									
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
An English lanugage translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).									
Items 11 to 20 below concern docume	nt(s) or information included:								
11. An Information Disclosure Statem	ent under 37 CFR 1.97 and 1.98.								
12. An assignment document for recor	ding. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.							
13. A FIRST preliminary amendment.									
14. A SECOND or SUBSEQUENT p	A SECOND or SUBSEQUENT preliminary amendment.								
15. A substitute specification.	A substitute specification.								
16. X A change of power of attorney and	A change of power of attorney and/or address letter.								
17. A computer-readable form of the s	equence listing in accordance with PCT Rule	e 13ter.2 and 35 U.S.C. 1.821 - 1.825.							
18. A second copy of the published in	ternational application under 35 U.S.C. 154(c	d)(4).							
19. A second copy of the English lang	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								
. X Other items or information:									
International Publication No. WO00/572	240								
Credit Card Payment Form Figs. 1a-b,2,3,4a-c,5a-d,6-16									
International Search Report w/o References									

US APPLICATION NO CONO	₹ 6 °9°9°9	INTERNATIONAL APPLICATION NO PCT/JP99/01403				ATTORNEY'S DOCK 501.40631X0		
21. X The follow					CALCULATIONS PTO USE ONLY			
BASIC NATIONAL	_		-					
			n fee (37 CFR 1.482)					
nor international se	earch fee (37 CFR	1.445(a	(2)) paid to USPTO by the EPO or JPO	\$1000.00				
International prelir USPTO but Interna	ninary examinatio ational Search Re	n fee (37 port prep	7 CFR 1.482) not paid to pared by the EPO or JPO	\$860.00				
International prelir	ninarv examinatio	n fee (37	7 CFR 1.482) not paid to (2)) paid to USPTO	USPTO				
International prelin	ninary examinatio	n fee (37	CFR 1.482) paid to USI	РТО				
but all claims did n International prelir	ot satisfy provisio ninary examinatio	ns of PC n fee (37	T Article 33(l)-(4) 7 CFR 1.482) paid to US	\$690.00				
and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00								
ENTER APPROPRIATE BASIC FEE AMOUNT =					\$	860.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).					\$	0.00		
CLAIMS	NUMBER FIL	ED	NUMBER EXTRA	RATE	\$			
Total claims	9 -20	=	0	x \$18.00	\$	0,00		
Independent claims	1 -3		0	x \$80.00	\$	0.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$270.00					\$	0.00		
TOTAL OF ABOVE CALCULATIONS =				\$	860.00			
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	0.00			
SUBTOTAL =			\$	860.00				
Processing fee of \$130.00 for furnishing the English translation later than innonths from the earliest claimed priority date (37 CFR 1.492(f)).				\$	0.00			
TOTAL NATIONAL FEE =			\$	860.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	0.00			
TOTAL FEES ENCLOSED =					\$	860.00		
TOTAL TELESCOPED						ount to be refunded:	\$	
						charged:	\$	
a. X A check in	the amount of \$	860.00	to cover th	e above fees is enclos	sed.			
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.								
A duplicate	copy of this silec	is chell	JJ 4 41					
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2135 . A duplicate copy of this sheet is enclosed.								
d. E Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an	appropriate time	limit u	nder 37 CFR 1.494 or 1 to restore the applicati	.495 has not been m	iet, a	petition to reviv	e (37 CFR	
, ,		61 anteu	to restore the applicati	on to pending sentus	1 1	K		
SEND ALL CORRESPONDENCE TO: Melvin Kraus SIGNATI) 1 1 1 1 1 1 1 1 1	luus		
Antonelli Terry Stout & Kraus IIP								
1300 North 17th Street Suite 1800				Kraus				
Arlington, VA 22209 22,46					RATION NUMBER			
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